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Patent & Trademark

Application Number	10/692,747
Confirmation Number	Not Yet Assigned
Filing Date	October 27, 2003
First Named Inventor	Tomoaki TAKAHASHI
Art Unit	3729
Examiner Name	Tai van Nguyen
Attorney Docket Number	Q78043

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За нумер

11/15/05

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

MAY 10 2005

**Complete if Known**

Application Number	10/692,747
Confirmation Number	8887
Filing Date	October 27, 2003
First Named Inventor	TAKAHASHI, Tomoaki
Art Unit	3729
Examiner Name	Tai Van Nguyen
Attorney Docket Number	Q78043

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
TN		US 6,193,360	B1	02/27/2001	Nishiwaki et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
TN		JP	8-187868	A	07/23/1996		Yes
		JP	9-314863	A	9/12/1997		
		JP	9-033722	A	07/02/1997		Yes
TN		JP	8-166580	A	06/25/1996		Yes

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature

Tai Van Nguyen

Date Considered

11/15/05

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
IN		US 5,008,689		04/16/1991	Pan et al.
		US 4,574,445		03/11/1986	Bentin et al.
		US 4,846,747 A		07/11/1989	Higashinakagawa et al.
		US 5,604,522 A		02/18/1997	Miura et al.
		US 5,963,234 A		10/05/1999	Miyazawa et al.
		US			
		US			
		US			
		US			

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation‡
IM		AN ENCYCLOPEDIA OF METALLURGY AND MATERIALS, C. R. Tottle, page 73 Dictionary of Metallurgy, Colin D. Brown	
IN		Japanes Abstract No. 10193612, dated 07/28/1998	

Examiner Signature	<i>Rac H. H. H. H.</i>	Date Considered	11/15/05
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.